2/9/88 A8050-3A

REPORT

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STATISTICAL

REPORT NO. 17-88
February 5, 1988

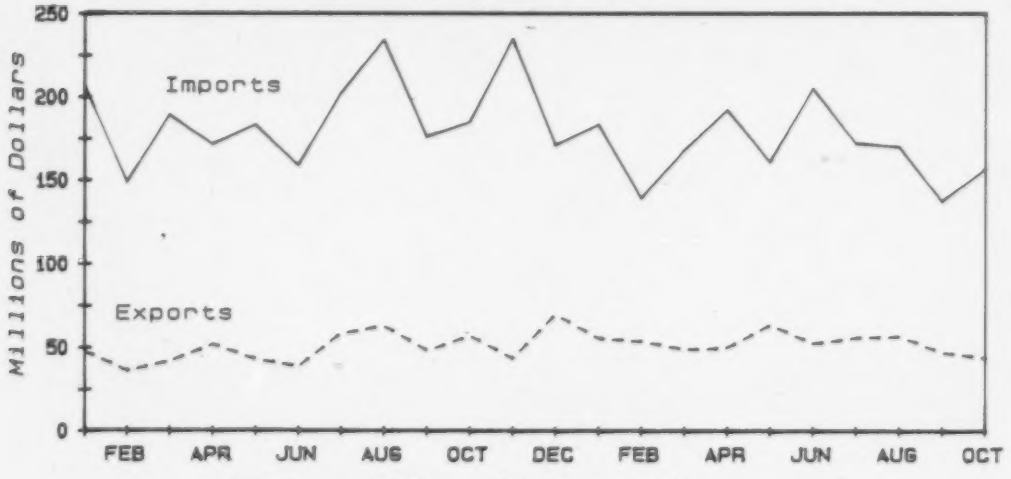
U.S. FOREIGN TRADE IN MACHINE TOOLS - OCTOBER 1987

During October of 1987, U.S. exports fell 7% and imports rose 14% from their September 1987 levels. However, when compared to the 1986 totals through October, machine tool exports of $520.9 million have increased 9% while imports have declined 9% to a level $1,678.2 million. U.S. foreign trade in machine tools during October of 1987 produced a trade defifict of $112.9 million, bringing the ten month total deficit to $1,157.3 million, down 16% from the same period last year.

U.S. Machine Tool Trade
($Millions)

	October 1987			Ten Month Total		
	Exports	Imports	Surplus (Deficit)	Exports	Imports	Surplus (Deficit)
Metal Cutting	$ 27.9	$ 109.4	($ 81.5)	$ 309.0	$1,213.1	($ 904.1)
Metal Forming	$ 15.4	$ 46.8	($ 31.4)	$ 211.9	$ 465.1	($ 253.2)
Total	$ 43.3	$ 156.2	($ 112.9)	$ 520.9	$1,678.2	($1,157.3)

U.S. FOREIGN TRADE -- TOTAL MACHINE TOOLS
Monthly Totals



January 1986 - October 1987

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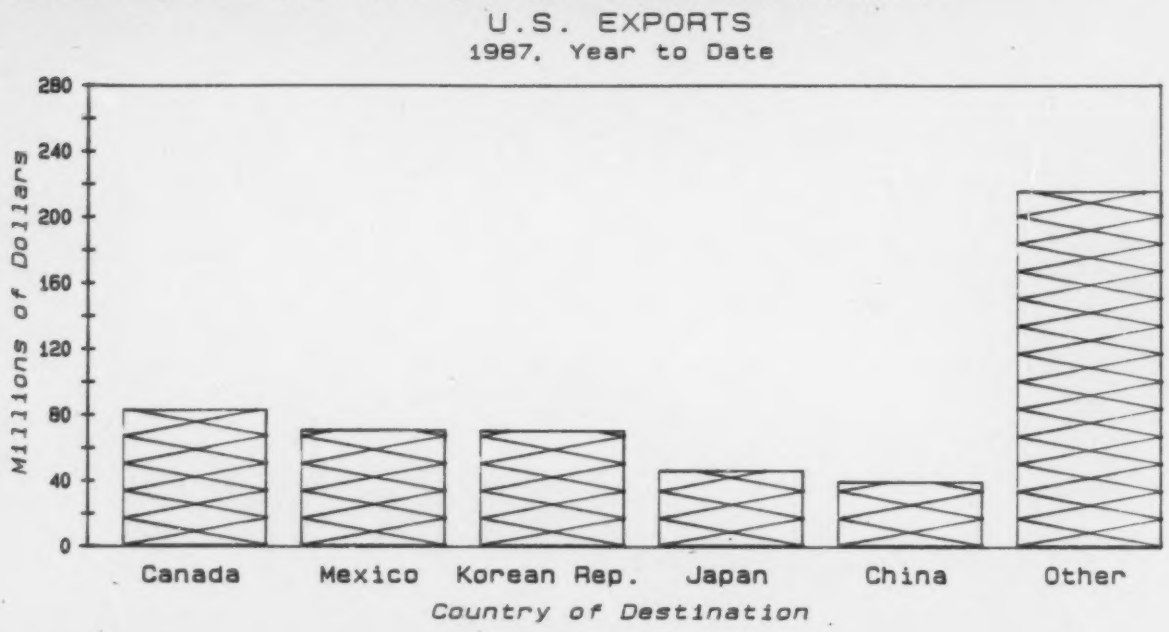
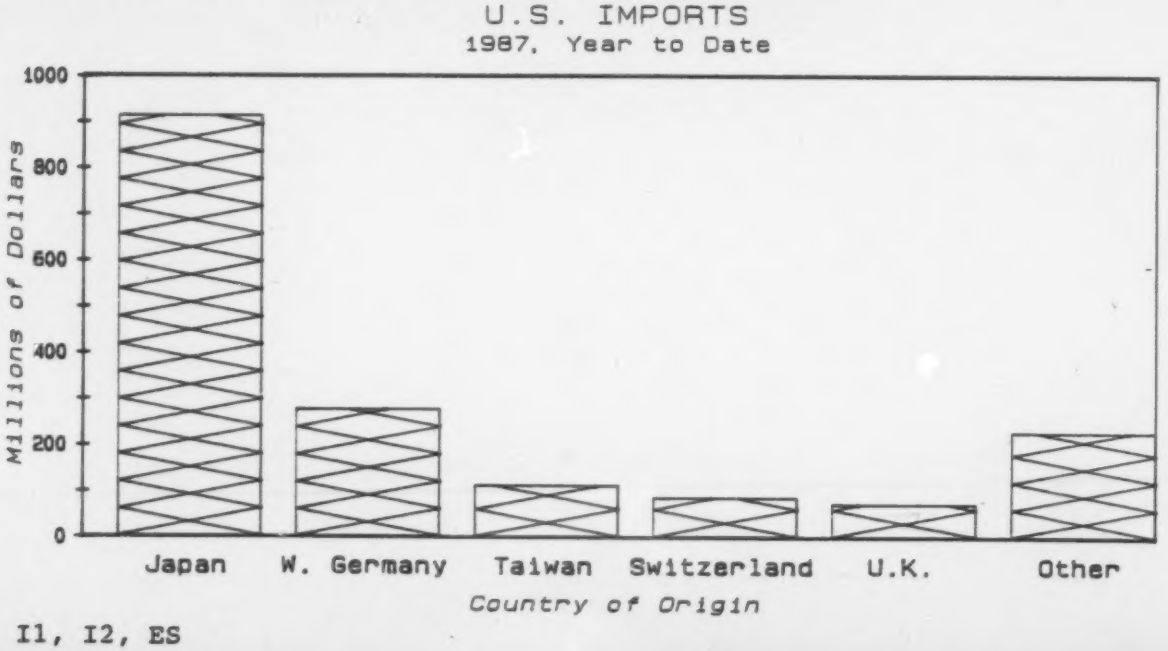
U.S. exports of metal cutting machine tools during October were 5% above their September level. Metal forming exports were 23% below the previous month's level. Compared to the first ten months of 1986, U.S. exports of metal cutting machinery rose 5%. Metal forming exports gained 16%. For January through October 1987, the leading export markets were (in millions): Canada ($82.2), Mexico ($70.0), Korean Republic ($69.7), Japan ($45.5) and China ($38.7).



U.S. imports of metal cutting machine tools in October were 3% above September's level but the ten month total for 1987 was 11% below the same period last year. October metal forming imports increased 52% from September although the year-to-date 1987 total stood 4% below the level registered in the first ten months of 1986. Leading exporters of machine tools to the U.S. during the first ten months of 1987 were (in millions): Japan ($911.0), West Germany ($275.7), Taiwan ($110.0), Switzerland ($83.8) and the United Kingdom ($70.4).



I1, I2, ES

SPECIAL ADDENDUM

Revision to U.S. Imports of Machine Tools

The U.S. Department of Commerce has notified us of a classification error in the April 1987 monthly totals.

Imports from Japan in TSUS code 674:3577 "Sawing & Cut-Off Machines, Non-NC" were originally reported as 2,018 units valued at $13,983,487. This should be changed to 16 units valued at $301,271.

Also, in April 1987, imports from Japan in TSUS code 674:3594 "Mechanical Presses, Non-NC" were originally reported at 13 units valued at $380,498. This should be changed to 14 units valued at $14,063,210.

Listed below are the changes which have been made to the year-to-date catagories, effective with the October 1987 report.

Catagories reduced by 2002 units valued at $13,682,712:

code 674:3577
Total Metal Cutting
Total Metal Cutting for Japan

Catagories increased by 1 unit valued at $13,682,712:

code 674:3594
Total Metal Forming
Total Metal Forming for Japan

These changes resulted in a reduction of 2001 units to the 1987 year-to-date total for all machine tools. There was no change to the dollar value.

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
OCTOBER 1987

RELEASED: FEBRUARY 5, 1988

		TOTAL YTD		TOTAL MO.	
674:	METAL CUTTING	UNITS	$000	UNITS	$000
3020	Gear Hobbers & Shapers	44	5050	14	1612
3045	Gear Cutting Machines, N.E.C.	82	22339	14	3039
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	27	1552	0	0
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	2	417	0	0
3209	Horizontal Machining Centers, ATC, NC	18	5342	2	440
3211	Machining Centers, NC, N.E.C.	138	11357	5	288
3216	Single Station and Multi-Station Transfer Machines	22	12735	1	327
3225	Way Type Machines (Unit Heads)	13	2245	1	37
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	8	1267	0	0
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	8	1119	3	539
3247	Vertical Boring-Drilling-Milling Machines, NC	11	992	1	96
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	15	1508	0	0
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	45	1809	8	265
3254	Drilling Machines, NC	23	2359	0	0
3255	Drilling Machines, Multi-Spindle, Non-NC	34	2101	0	0
3256	Drilling Machines, Radial, Non-NC	39	394	0	0
3257	Drilling Machines, Upright, Single Spindle, Non-NC	12	239	0	0
3258	Drilling Machines, Non-NC, N.E.C.	162	3083	32	425
3264	Milling Machines, NC	53	12391	4	840
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	19	641	0	0
3267	Milling Machines, Knee Type, Non-NC	1	40	0	0
3268	Milling Machines, Bed Type, Non-NC	2	112	0	0
3269	Milling Machines, Non-NC, N.E.C.	132	3868	28	474
3276	Vertical Boring Machines, Incl. VTLs, NC	5	1331	1	217
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	129	9560	3	630
3281	Boring Machines, NC, N.E.C.	2	330	1	85
3283	Boring Machines, Non-NC, N.E.C.	55	4696	17	953
3503	Horizontal Lathes, Multi-Spindle, NC	9	1566	0	0
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	78	6704	7	767
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	19	2848	4	392
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	9	2188	0	0
3510	Horizontal Engine & Toolroom Lathes, Non-NC	64	1046	3	69
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	5	286	0	0
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	12	741	0	0
3515	Automatic Bar Machines, Single-Spindle, Non-NC	36	1254	5	43
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	31	1534	2	339
3518	Horizontal Lathes, Non-NC, N.E.C.	445	13449	49	829
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	6	1342	2	273
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	13	1367	7	431
3525	Vertical Lathes, Excl. VTLs, Non-NC	116	7201	13	434
3528	Grinding, Polishing, Honing & Lapping Machines, NC	155	27394	19	3619
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	20	2976	0	0
3531	Tool & Cutter Grinding Machines, Non-NC	197	6971	23	1154
3532	Honing & Lapping Machines, Non-NC	271	5039	30	382
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	107	1849	3	25
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	327	21351	18	825
3541	External Grinding Machines, Non-NC	25	1544	3	171
3542	Internal Grinding Machines, Non-NC	24	3982	1	177
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	149	8475	27	778
3546	Grinding Machines, Non-NC, N.E.C.	282	9020	31	250
3547	Traveling Wire Electrical Discharge Machines	14	182	0	0
3549	All Other Electrical Discharge Machines	116	2311	14	555
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	13	791	1	20
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	32	929	4	68
3559	Metal Cutting Machine Tools, NC, N.E.C.	65	4685	25	1676
3565	Sawing & Cut-Off Machines, Non-NC	386	5674	45	452
3566	Broaching Machines, Non-NC	6	206	1	103
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	139	6865	8	405
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	4984	36684	744	2295
5000	Metal Cutting Machine Tools, Less Than $2500**	24802	11574	1233	1073
	TOTAL CUTTING			2457	27880
	TOTAL CUTTING YTD	34058	308970		
674:	METAL FORMING				
1011	Die Casting Machines & Parts	0	14286	0	1162
3568	Metal Forming Machine Tools, Used Or Rebuilt	652	15390	44	1046
3569	Metal Forming Machine Tools, Less Than $2500	6073	3545	534	282
3571	Punching & Shearing Machines, Incl. Combination, NC	59	6495	4	512
3573	Shearing Machines, Non-NC	71	3390	7	424
3575	Punching & Combination Punching & Shearing Machines, Non-NC	494	7992	63	599
3578	Bending, Folding, Straightening & Flattening Machines, NC	74	4917	7	634
3582	Press Brakes, Non-NC	27	786	2	147
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	14	1015	2	19
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	590	18566	102	2423
3588	Mechanical Presses	194	18005	18	1961
3589	Hydraulic Presses, Vertical, Single Action	49	6321	8	697
3590	Hydraulic & Pneumatic Presses	577	33595	46	873
3594	Headers & Upsetters, Non-NC	76	11416	9	736
3595	Forging Machines, Non-NC, N.E.C.	145	4866	2	44
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	789	61273	103	3808
	TOTAL FORMING			951	15370
	TOTAL FORMING YTD	9884	211890		
	TOTAL ALL TYPES			3408	43250
	TOTAL ALL TYPES YTD	43942	520860		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554.

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
OCTOBER 1987

	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	1	233	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	4	269	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	4	50	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	14	2705	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	1	25	0	0
3532	0	0	6	44	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	1	312	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	0	0	0	0	0	0	0	0
5000	0	0	58	80	0	0	1	2	0	0
CUT MO	19	3066	68	393	0	0	3	259	0	0
CUT YTD	83	15675	597	10815	3	483	204	3775	35	415
1011	0	12	0	0	0	64	0	13	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	41	9	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	1	91
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	1	6	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	2	38	0	0
FRM MO	0	12	0	0	0	64	44	66	1	91
FRM YTD	16	261	237	720	9	253	162	3740	18	955
TOT MO	19	3078	68	393	0	64	47	325	1	91
TOT YTD	99	15936	834	11535	12	736	366	7515	53	1370

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
OCTOBER 1987

	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
$74:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	4	442
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	3	254
3532	1	75	0	0	0	0	2	10	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	1	2
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	1	13	0	0	0	0	0	0
3565	1	16	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	24	60	0	0	0	0	0	0	0	0
5000	1	2	43	26	0	0	8	5	12	18
CUT MO.	27	152	44	39	0	0	10	15	20	717
CUT YTD	1169	4884	368	1537	32	3637	314	908	162	1640
1011	0	7	0	18	0	0	0	21	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	0	0	4	4
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	1	22	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	1	10	0	0	0	0	0	0	5	99
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	1	325	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	9	296	0	0	0	0	0	0	2	64
FRM MO.	11	335	0	18	1	325	0	21	11	167
FRM YTD	93	4537	78	2031	1	325	15	1060	41	2081
TOT MO.	38	487	44	57	1	325	10	36	31	883
TOT YTD	1262	9421	446	3568	33	3962	329	1967	203	3721

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
OCTOBER 1987

	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	4	320	0	0
3045	0	0	1	109	0	0	2	292	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	1	50	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	1	105	0	0	1	105	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	1	19	0	0	2	25	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	2	9	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	2	72	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	2	20	0	0	4	43	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	15	153	0	0
3546	0	0	1	7	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	2	29	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	1	21	0	0	0	0	0	0	0	0
3559	8	1351	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	1	25	0	0	0	0	0	0
4000	10	46	4	135	0	0	0	0	0	0
5000	12	7	37	45	0	0	8	13	0	0
CUT MO.	31	1425	54	575	0	0	37	1000	0	0
CUT YTD	436	3416	3108	10634	3	196	932	17149	6	1299
1011	0	10	0	15	0	0	0	12	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	33	17	0	0	67	16	0	0
3571	0	0	2	208	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	1	3	0	0	7	31	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	4	33	0	0	11	436	2	45
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	1	8	0	0	4	24	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	1	20	0	0	2	10	0	0
FRM MO.	0	10	42	304	0	0	91	528	2	45
FRM YTD	23	1775	268	8447	36	1042	485	7436	6	177
TOT MO.	31	1435	96	879	0	0	128	1528	2	45
TOT YTD	459	5191	3376	19081	39	1238	1417	24584	12	1476

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	OTH. EUROPE		CANADA		MEXICO		OTH. N & C		ARGENTINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	1	39	1	13	0	0	0	0
3045	0	0	5	1242	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	1	390	0	0	0	0	0	0
3211	0	0	2	132	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	1	37	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	1	96	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	1	7	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	12	211	18	161	0	0
3264	0	0	2	582	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	7	71	2	31	0	0
3276	0	0	1	217	0	0	0	0	0	0
3277	0	0	1	462	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	7	285	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	3	261	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	1	23	0	0	1	20	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	3	23	1	16	0	0	0	0
3516	0	0	0	0	2	339	0	0	0	0
3518	0	0	0	0	31	448	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	1	24	0	0	5	152	0	0	0	0
3528	0	0	0	0	1	67	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	6	46	4	777	0	0	0	0
3532	2	29	0	0	2	8	0	0	1	4
3533	0	0	3	25	0	0	0	0	0	0
3538	0	0	0	0	5	285	0	0	0	0
3541	0	0	2	86	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	1	28	0	0	0	0	0	0
3546	0	0	4	36	13	56	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	1	3	0	0	2	387	0	0	0	0
3551	0	0	1	20	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	1	11
3559	0	0	16	313	0	0	0	0	0	0
3565	0	0	8	101	15	134	0	0	0	0
3566	0	0	0	0	0	0	0	0	1	103
3567	0	0	2	13	3	11	0	0	0	0
4000	4	35	44	565	209	618	4	42	3	26
5000	17	12	368	335	104	104	9	7	0	0
CUT MO	25	103	477	5041	425	4018	34	261	6	144
CUT YTD	431	2573	5591	51276	4379	45329	743	2037	83	1028
1011	0	85	0	88	0	223	0	10	0	0
3568	0	0	1	4	19	588	0	0	0	0
3569	10	2	282	135	54	64	14	12	0	0
3571	0	0	2	303	0	0	0	0	0	0
3573	0	0	2	145	2	8	1	3	0	0
3575	0	0	26	219	5	24	1	6	0	0
3578	0	0	1	24	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	2	19	0	0	0	0
3584	14	480	25	280	12	348	0	0	0	0
3588	0	0	0	0	5	646	0	0	0	0
3589	0	0	0	0	2	57	0	0	0	0
3590	0	0	2	19	31	400	1	10	0	0
3594	0	0	4	93	3	29	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	10	499	46	994	0	0	0	0
FRM MO	24	567	355	1808	181	3391	17	41	0	0
FRM YTD	157	3544	4086	30902	1617	24676	117	1287	16	502
TOT MO	49	669	832	6849	606	7409	51	302	6	144
TOT YTD	588	6117	9677	82178	5996	70005	860	3324	99	1529

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	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM.		CHINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	4	295	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	1	22	1	98	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	6	252	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	2	53	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	7	176	1	7	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	1	82	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	5	590	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	1	182	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	4	31	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	5	181	0	0	2	251
3525	0	0	5	187	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	1	266
3529	0	0	0	0	0	0	0	0	0	0
3531	1	4	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	2	29	1	182
3546	0	0	0	0	0	0	6	107	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	1	22
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	43	106	3	85	357	361	4	8	0	0
5000	0	0	0	0	42	38	3	7	4	7
CUT MO.	47	345	15	545	416	883	26	1125	9	728
CUT YTD	203	9179	212	2008	1111	4017	307	2234	772	19283
1011	0	0	0	0	0	42	0	0	0	12
3568	0	0	1	21	1	54	0	0	19	182
3569	0	0	13	13	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	3	383	0	0	0	0	0	0	2	90
3582	0	0	0	0	0	0	0	0	1	143
3583	0	0	0	0	0	0	0	0	0	0
3584	2	80	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	1	32	0	0
3590	2	31	0	0	0	0	1	6	0	0
3594	1	298	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	2	326	1	15	1	13	0	0	0	0
FRM MO.	10	1118	15	48	2	109	2	38	22	426
FRM YTD	105	7199	42	699	169	5312	328	579	149	19460
TOT MO.	57	1463	30	593	418	992	28	1163	31	1153
TOT YTD	308	16378	254	2707	1280	9328	635	2813	921	38744

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	HONG KONG		INDIA		INDONESIA		ISRAEL		JAPAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	1	518
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	1	327	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	1	330	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	1	6	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	10	58	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	1	85	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	2	316
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	1	26
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	3	239
3521	0	0	1	119	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	1	522
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	3	14
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	1	177	0	0	0	0
3544	2	136	0	0	0	0	1	15	1	99
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	2	16
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	1	29
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	2	18
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	0	0	0	0	0	0	4	52
5000	41	28	6	9	0	0	6	3	31	19
CUT MO.	43	164	9	464	12	320	8	345	52	1888
CUT YTD	747	1791	187	3064	40	959	1774	1759	4257	23686
1011	0	0	0	3	0	0	0	0	0	7
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	0	0	1	2
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	1	12	0	0	0	0	4	50
3578	0	0	0	0	0	0	0	0	1	137
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	1	10	0	0	0	0	1	4	16	393
3588	3	114	0	0	0	0	0	0	1	691
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	3	309
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	3	43	1	13	3	93	0	0	0	0
FRM MO.	7	167	2	28	3	93	1	4	26	1589
FRM YTD	51	1132	14	849	4	529	12	393	229	21799
TOT MO.	50	331	11	493	15	413	9	349	78	3476
TOT YTD	798	2923	201	3913	44	1489	1786	2152	4486	45485

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	KOREAN REP.		PAKISTAN		S. ARABIA		SINGAPORE		TAIWAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	4	945	0	0	0	0	0	0	0	0
3045	1	437	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	1	36	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	1	25	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	1	132	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	1	86
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	3	27	2	26	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	2	60
3529	0	0	0	0	0	0	0	0	0	0
3531	4	25	0	0	1	10	0	0	0	0
3532	5	90	0	0	0	0	0	0	2	26
3533	0	0	0	0	0	0	0	0	0	0
3538	8	136	0	0	0	0	2	24	2	69
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	4	136
3546	0	0	0	0	0	0	2	9	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	6	117	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	1	7	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	3	50	0	0	0	0	2	24	2	20
3566	0	0	0	0	0	0	0	0	0	0
3567	2	357	0	0	0	0	0	0	0	0
4000	2	47	10	25	0	0	1	29	1	6
5000	48	29	0	0	0	0	82	53	131	84
CUT MO.	86	2425	10	25	5	43	91	165	145	486
CUT YTD	1099	34876	291	1027	270	388	806	4704	642	6609
1011	0	0	0	0	0	0	0	60	0	353
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	2	22	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	4	184	0	0	0	0	0	0	3	15
3588	3	330	0	0	0	0	1	26	1	69
3589	4	581	0	0	0	0	0	0	0	0
3590	1	67	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	12	1263	0	0	0	0	1	7	0	0
FRM MO.	24	2425	0	0	0	0	4	114	4	437
FRM YTD	353	34800	5	50	53	73	152	3869	45	3605
TOT MO.	110	4850	10	25	5	43	95	279	149	923
TOT YTD	1452	69676	296	1077	323	461	958	8573	687	10214

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	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	2	35	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	1	4	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	1	154	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	1	14	2	20	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	1	85	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	5	34	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	9	41	2	6	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	15	41	0	0	2	10	0	0	0	0
5000	4	3	49	31	82	79	0	0	1	2
CUT MO	28	85	54	290	94	182	0	0	1	2
CUT YTD	246	6840	455	1315	1527	5127	48	134	3	6
1011	0	0	0	22	0	51	0	19	0	0
3568	2	4	0	0	1	195	0	0	0	0
3569	0	0	2	5	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	2	268	0	0	0	0
3575	0	0	3	40	5	49	6	31	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	1	4	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	1	17	2	49	1	19	0	0	0	0
3589	0	0	0	0	0	0	1	28	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	2	44	0	0	0	0
3598	0	0	0	0	5	44	1	25	0	0
FRM MO	4	25	7	115	16	669	8	103	0	0
FRM YTD	56	3844	150	2231	317	4590	17	634	2	20
TOT MO	32	109	61	405	110	851	8	103	1	2
TOT YTD	302	10684	605	3546	1844	9717	65	769	5	26

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	EGYPT		REP. S. AFR		OTH. AFRICA	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	0	0	0	0	0	0
3276	0	0	0	0	0	0
3277	0	0	0	0	0	0
3281	0	0	0	0	0	0
3283	0	0	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	0	0	0	0
3507	0	0	1	131	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	0	0	0	0
3533	0	0	0	0	0	0
3538	0	0	0	0	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	0	0	0	0
3547	0	0	0	0	0	0
3549	0	0	0	0	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	0	0	0	0
3566	0	0	0	0	0	0
3567	0	0	0	0	0	0
4000	0	0	0	0	0	0
5000	0	0	16	20	9	6
CUT MO.	0	0	17	151	9	6
CUT YTD	11	247	328	707	43	241
1011	0	0	0	16	0	0
3568	0	0	0	0	0	0
3569	0	0	13	3	0	0
3571	0	0	0	0	0	0
3573	0	0	0	0	0	0
3575	0	0	0	0	0	0
3578	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	0	0	0	0	0	0
3584	0	0	0	0	0	0
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	0	0	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	1	49	0	0
FRM MO.	0	0	14	68	0	0
FRM YTD	83	586	58	880	9	2977
TOT MO.	0	0	31	219	9	6
TOT YTD	94	833	386	1586	52	3218

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMNS
OCTOBER 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	6	383	6	383
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	0	0	0	0	0	0
EAST GERMANY	0	0	0	0	0	0
FINLAND	12	24	15	43	27	67
GIBRALTAR	0	0	0	0	0	0
GREECE	1	3	0	72	1	75
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
MALTA	1	24	0	0	1	24
NORWAY	8	22	0	0	8	22
PORTUGAL	3	30	3	69	6	99
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	25	103	24	567	49	669
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	4	2	0	0	4	2
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	2	31	0	0	2	31
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP.	2	13	0	0	2	13
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	1	2	1	10	2	11
HAITI	0	0	14	12	14	12
HONDURAS	19	167	1	3	20	170
JAMAICA	3	2	0	0	3	2
LW & WW IS.	0	0	0	0	0	0
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	2	26	0	0	2	26
PANAMA	1	20	0	0	1	20
SALVADOR	0	0	0	10	0	10
TRINIDAD	0	0	1	6	1	6
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	34	261	17	41	51	302
OTHER SOUTH AMERICA						
BOLIVIA	0	0	0	0	0	0
CHILE	7	119	2	38	9	157
ECUADOR	7	302	0	0	7	302
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	6	107	0	0	6	107
PERU	5	590	0	0	5	590
SURINAM	1	7	0	0	1	7
URAGUAY	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	26	1125	2	38	28	1163
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	1	2	0	0	1	2
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	1	2	0	0	1	2

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
OCTOBER 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	6	21	2	5	8	26
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PHILIPPINES	2	239	0	0	2	239
QATAR	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	46	30	5	111	51	141
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	54	290	7	115	61	405
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	9	6	0	0	9	6
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	9	6	0	0	9	6

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED
3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING.

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
OCTOBER 1987

RELEASED: FEBRUARY 5, 1988

		TOTAL YTD		TOTAL MO.	
674:	METAL CUTTING	UNITS	$000	UNITS	$000
3025	Gear Hobbers	78	12633	6	1014
3035	Gear Shapers	49	6062	1	128
3045	Gear Cutting Machines, N.E.C.	22	1497	3	220
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	1348	113150	109	7991
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	183	16639	7	567
3409	Horizontal Machining Centers, ATC, NC	596	93632	82	12499
3411	Machining Centers, NC, N.E.C.	394	52017	29	6822
3412	Single Station and Multi-Station Transfer Machines	90	20154	9	4068
3413	Way Type Machines, (Unit Heads)	3	179	0	0
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	7	3130	1	539
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	99	16252	48	3240
3419	Vertical Boring-Drilling-Milling Machines, NC	158	12935	13	1381
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	28	1651	1	154
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	225	5008	103	666
3328	Drilling Machines, NC	131	6051	3	156
3329	Drilling Machines, Multi-Spindle, Non-NC	57	1811	2	176
3334	Drilling Machines, Radial, Non-NC	167	917	16	61
3336	Drilling Machines, Upright, Single Spindle, Non-NC	48	399	7	34
3342	Drilling Machines, Non-NC, N.E.C.	615	15038	39	640
3464	Milling Machines, NC	540	31917	27	3536
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	13	731	2	60
3467	Milling Machines, Knee Type, Non-NC	2488	14700	147	952
3468	Milling Machines, Bed Type, Non-NC	196	6020	9	71
3469	Milling Machines, Non-NC, N.E.C.	874	19369	69	2828
3476	Vertical Boring Machines, Incl. VTL's, NC	25	4558	5	908
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	83	2145	3	200
3481	Boring Machines, NC, N.E.C.	31	3424	5	694
3483	Boring Machines, Non-NC N.E.C.	288	13890	10	228
3504	Horizontal Lathes, Multi-Spindle, NC	93	8300	8	862
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	2556	141494	197	12502
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	366	38226	28	4184
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	157	12767	5	63
3512	Horizontal Engine & Toolroom Lathes, Non-NC	2544	19634	194	1555
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	77	2889	0	0
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	35	5160	4	297
3515	Automatic Bar Machines, Single Spindle, Non-NC	49	2178	3	44
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	43	1810	0	0
3518	Horizontal Lathes, Non-NC, N.E.C.	185	2749	17	258
3505	Vertical Lathes, Multi-Spindle, NC	96	6496	5	615
3519	Vertical Lathes, NSPF, NC	209	20952	19	1709
3522	Vertical Lathes, Excl. VTL's, Non-NC	774	15309	59	609
3527	Gear Tooth Grinding & Finishing Machines	228	21884	7	1571
3528	Tool & Cutter Grinding Machines, NC	27	1472	0	0
3529	Tool & Cutter Grinding Machines, Non-NC	843	15964	81	1711
3533	Honing & Lapping Machines	241	9504	37	641
3539	Grinding Machines, Flat Surface, NC	44	4170	2	471
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	218	3945	39	535
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	1753	20975	156	1609
3546	Grinding & Polishing Machines, NC, N.E.C.	123	23994	7	1580
3554	External Grinding Machines, Non-NC	227	8447	33	1526
3556	Internal Grinding Machines, Non-NC	20	1554	8	691
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	94	7107	19	301
3559	Grinding Machines, Non-NC, N.E.C.	1314	48183	110	4874
3562	Traveling Wire Electrical Discharge Machines	501	35020	44	3090
3564	All Other Electrical Discharge Machines	339	15376	36	2115
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	83	11270	6	769
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	122	6198	18	162
3576	Metal Cutting Machines Tools, NC, N.E.C.	99	69479	21	1206
3577	Sawing & Cut-Off Machines, Non-NC	1220	14661	131	1367
3578	Broaching Machines, Non-NC	37	1213	0	0
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	1192	36682	134	4333
4000	Metal Cutting Machine Tools, Used or Rebuilt*	4197	17519	239	844
5000	Metal Cutting Machine Tools, Less Than $2500**	948808	84465	85868	7501
	TOTAL CUTTING			88291	109440
	TOTAL CUTTING YTD	977750	1213055		
674:	METAL FORMING				
1010	Die Casting Machines	334	17584	20	884
3582	Metal Forming Machine Tools, Used or Rebuilt	476	5902	33	536
3583	Metal Forming Machine Tools, Less Than $2500	20899	7070	2823	889
3584	Punching and Shearing Machines, Incl. Combination, NC	275	37700	11	1261
3586	Shearing Machines, Non-NC	636	13511	50	715
3587	Punching & Combination Punching & Shearing Machines, Non-NC	506	7925	18	116
3588	Bending, Folding, Straightening & Flattening Machines, NC	179	13656	32	2586
3589	Press Brakes, Non-NC	570	14689	30	799
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	100	1470	13	130
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	916	21776	129	2161
3593	Metal Forming Machine Tools, NC, N.E.C.	111	22120	9	478
3594	Mechanical Presses, Non-NC	1017	87771	49	3977
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	230	41817	27	19922
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	521	107420	61	4545
3597	Headers & Upsetters, Non-NC	114	6012	8	549
3598	Forging Machines, Non-NC, N.E.C.	126	6643	17	538
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	1301	52048	261	6700
	TOTAL FORMING			3591	46790
	TOTAL FORMING YTD	28311	465145		
	TOTAL ALL TYPES			91882	156230
	TOTAL ALL TYPES YTD	1006061	1678200		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3415, 3326, 3461,3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
OCTOBER 1987

	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	0	0	0	0	2	48
3464	0	0	0	0	0	0	1	159	0	0
3466	0	0	0	0	0	0	0	0	2	60
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	0	0	0	0	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	4	39
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	1	49	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	1	384	0	0
3522	17	183	0	0	0	0	0	0	4	44
3527	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	13	63
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	7	29	0	0	0	0	0	0	6	77
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	0	0
3555	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	2	69
3559	2	7	0	0	19	84	0	0	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	0	0	0	0	4	12	0	0	3	30
3578	0	0	0	0	0	0	0	0	0	0
3579	1	5	0	0	3	70	1	14	7	68
4000	0	0	0	0	0	0	0	0	4	36
5000	67	93	4	2	13	19	465	271	330	78
CUT MO.	94	316	5	51	39	184	468	828	377	611
CUT YTD	2001	7507	664	1241	2073	1296	6743	11120	5780	40251
1010	0	0	0	0	0	0	0	0	2	3
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	38	28	353	64
3584	0	0	0	0	0	0	0	0	0	0
3586	0	0	1	127	0	0	0	0	7	92
3587	0	0	0	0	0	0	0	0	9	52
3588	0	0	1	14	0	0	0	0	5	367
3589	0	0	4	210	0	0	0	0	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	0	0	0	0	0	0	9	434
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	2	516	0	0	0	0	3	10
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	0	0	0	0	0	0
3597	0	0	0	0	0	0	0	0	1	54
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	1	3	0	0	1	140	8	116
FRM MO.	0	0	9	870	0	0	39	168	397	1193
FRM YTD	93	1198	443	7356	33	237	518	2990	2238	24913
TOT MO.	94	316	14	921	39	184	507	995	774	1804
TOT YTD	2094	8706	1107	8597	2106	1533	7261	14110	8018	65163

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
OCTOBER 1987

674:	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	1	498
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	1	385
3412	0	0	0	0	0	0	0	0	4	862
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	1	502
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	0	0	0	0	0	0
3464	0	0	0	0	0	0	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	53	298	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	28	102	3	475	1	14
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	1	63
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	2	1089
3510	0	0	0	0	0	0	0	0	2	20
3512	0	0	0	0	1	53	0	0	0	0
3513	0	0	0	0	0	0	0	0	[illegible]	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	1	19
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	1	250	0	0
3522	0	0	0	0	0	0	0	0	0	0
3527	0	0	0	0	0	0	0	0	1	26
3528	0	0	0	0	0	0	0	0	0	0
3529	2	17	0	0	3	230	0	0	7	194
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	0	0	0	0	1	5	1	110
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	9	645
3556	0	0	0	0	0	0	0	0	0	0
3558	12	121	0	0	0	0	0	0	1	33
3559	0	0	0	0	0	0	0	0	29	319
3562	0	0	0	0	0	0	0	0	15	1570
3564	0	0	0	0	0	0	0	0	6	697
3567	0	0	0	0	0	0	0	0	1	135
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	1	7	5	131	0	0
4000	0	0	0	0	2	22	2	11	7	83
5000	21	10	0	0	0	0	224	167	124	29
CUT MO.	35	148	0	0	88	712	236	1040	215	7294
CUT YTD	686	5612	105	362	1735	11892	1715	10617	7034	65468
1010	0	0	0	0	0	0	0	0	1	1
3582	0	0	0	0	0	0	0	0	0	0
3583	23	6	0	0	74	11	53	65	99	22
3584	0	0	0	0	0	0	0	0	3	547
3586	0	0	0	0	15	140	0	0	0	0
3587	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	1	93	0	0
3591	0	0	0	0	0	0	6	87	0	0
3592	1	10	0	0	0	0	10	48	3	13
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	2	217	0	0
3596	0	0	0	0	0	0	0	0	2	29
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	6	62	0	0	0	0	0	0	11	2699
FRM MO.	30	79	0	0	89	151	72	510	119	3311
FRM YTD	156	2188	41	551	221	1427	1579	5686	874	18322
TOT MO.	65	227	0	0	177	863	308	1549	334	10605
TOT YTD	842	7800	146	913	1956	13319	3294	16303	7908	83789

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
OCTOBER 1987

	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	2	333	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	3	220	0	0	0	0	0	0
3404	1	59	2	178	0	0	0	0	0	0
3406	2	162	0	0	0	0	0	0	0	0
3409	2	154	2	232	0	0	0	0	0	0
3411	0	0	5	4461	0	0	0	0	0	0
3412	0	0	4	2904	0	0	1	302	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	2	1350	0	0	0	0	0	0
3419	0	0	12	879	0	0	0	0	0	0
3422	0	0	1	154	0	0	0	0	0	0
3423	2	12	1	4	0	0	2	6	2	13
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	1	171	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	1	4	0	0	0	0	0	0
3342	5	202	2	144	0	0	1	4	1	51
3464	3	96	1	388	0	0	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	4	1529	0	0	2	11	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	3	64	0	0	2	63	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	4	153	1	253	0	0	0	0	0	0
3508	0	0	1	154	0	0	0	0	0	0
3510	0	0	3	42	0	0	0	0	0	0
3512	52	478	0	0	0	0	0	0	7	141
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	3	44	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	1	137	0	0	0	0	0	0	14	53
3505	0	0	1	339	0	0	0	0	0	0
3519	0	0	5	169	0	0	0	0	0	0
3522	1	68	2	88	0	0	1	4	29	135
3527	0	0	1	1515	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	8	122	26	524	0	0	3	81	0	0
3533	9	116	3	192	0	0	0	0	0	0
3539	2	471	0	0	0	0	0	0	0	0
3541	1	20	0	0	0	0	0	0	0	0
3543	0	0	7	196	0	0	8	23	0	0
3546	2	1245	3	110	0	0	0	0	0	0
3554	0	0	5	159	0	0	0	0	0	0
3556	0	0	5	552	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	0	0	17	1435	0	0	0	0	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	4	11	1	45	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	12	112	6	50	0	0	0	0	0	0
3576	2	29	9	675	0	0	0	0	0	0
3577	5	16	47	501	0	0	28	361	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	7	41	13	1100	0	0	57	1370	0	0
4000	63	218	10	171	0	0	4	12	0	0
5000	409	309	419	182	0	0	435	138	0	0
CUT MO.	597	4229	634	21510	0	0	544	2375	53	391
CUT YTD	8596	55902	63049	223939	349	3604	5822	17209	277	1679
1010	0	0	6	14	0	0	5	9	0	0
3582	11	112	10	194	0	0	3	24	0	0
3583	46	26	359	199	0	0	9	12	0	0
3584	0	0	0	0	0	0	0	0	0	0
3586	14	129	0	0	0	0	5	76	0	0
3587	1	10	3	20	0	0	3	11	0	0
3588	1	96	4	357	0	0	0	0	0	0
3589	2	97	0	0	0	0	9	178	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	3	207	10	41	0	0	37	432	0	0
3593	0	0	8	455	0	0	0	0	0	0
3594	0	0	2	40	0	0	1	61	0	0
3595	0	0	4	192	0	0	0	0	0	0
3596	1	134	8	370	1	12	8	150	0	0
3597	0	0	1	67	0	0	0	0	0	0
3598	2	8	12	265	0	0	0	0	0	0
3599	7	93	15	786	0	0	30	1251	0	0
FRM MO.	88	912	442	2998	1	12	110	2204	0	0
FRM YTD	1292	14500	4122	51796	1	12	1677	22120	1	15
TOT MO.	685	5141	1076	24509	1	12	654	4578	53	391
TOT YTD	9888	70401	67171	275735	350	3616	7499	39329	278	1694

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
OCTOBER 1987

674:	CHINA		ISRAEL		JAPAN		KOREAN REP.		SINGAPORE	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	2	154	0	0	0	0
3035	0	0	0	0	1	128	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	92	7086	0	0	0	0
3406	0	0	0	0	1	99	0	0	0	0
3409	1	139	0	0	76	11834	1	141	0	0
3411	0	0	0	0	23	1976	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	1	539	0	0	0	0
3418	0	0	0	0	46	1891	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	2	480	0	0	0	0
3328	0	0	0	0	1	47	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	9	23	0	0	1	13	0	0	0	0
3464	0	0	0	0	13	2650	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	8	365	0	0	0	0
3476	0	0	0	0	3	790	0	0	0	0
3477	0	0	0	0	3	200	0	0	0	0
3481	0	0	0	0	5	694	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	1	173	0	0	7	689	0	0	0	0
3506	0	0	0	0	181	11565	10	488	0	0
3508	0	0	0	0	24	2908	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	1	13	0	0	0	0	30	197	6	51
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	4	297	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	4	277	0	0	0	0
3519	0	0	0	0	12	907	0	0	0	0
3522	2	12	0	0	2	14	0	0	0	0
3527	0	0	0	0	5	30	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	16	404	0	0	0	0
3533	0	0	0	0	7	251	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	1	36	0	0	37	479
3543	0	0	0	0	32	514	0	0	0	0
3546	0	0	0	0	2	225	0	0	0	0
3554	4	17	0	0	8	611	0	0	0	0
3556	0	0	0	0	3	138	0	0	0	0
3558	1	11	0	0	1	52	0	0	0	0
3559	2	12	1	66	36	2882	0	0	2	44
3562	0	0	0	0	24	1469	0	0	0	0
3564	0	0	0	0	16	1248	0	0	0	0
3567	0	0	0	0	5	634	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	10	502	0	0	0	0
3577	0	0	0	0	5	251	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	1	30	1	66	28	1322	0	0	1	68
4000	3	9	0	0	6	50	0	0	0	0
5000	714	85	4	5	2469	618	63	69	1228	713
CUT MO.	739	523	6	137	3186	56838	104	894	1274	1354
CUT YTD	4969	3081	32	1088	61834	615494	1136	12045	3000	6760
1010	0	0	0	0	6	856	0	0	0	0
3582	0	0	0	0	8	199	0	0	0	0
3583	0	0	0	0	672	184	0	0	0	0
3584	0	0	0	0	8	714	0	0	0	0
3586	0	0	0	0	4	114	0	0	4	38
3587	0	0	0	0	0	0	1	3	0	0
3588	0	0	0	0	21	1753	0	0	0	0
3589	0	0	0	0	3	156	0	0	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	0	0	51	883	0	0	0	0
3593	0	0	0	0	1	23	0	0	0	0
3594	0	0	0	0	39	3324	0	0	2	26
3595	0	0	0	0	13	19406	0	0	7	97
3596	0	0	0	0	38	3782	2	17	0	0
3597	0	0	0	0	6	428	0	0	0	0
3598	0	0	0	0	3	265	0	0	0	0
3599	0	0	3	121	176	1367	0	0	0	0
FRM MO.	0	0	3	121	1049	33453	3	20	13	151
FRM YTD	196	9	111	1820	6504	295515	69	248	126	1466
TOT MO.	739	523	9	258	4235	90291	107	914	1287	1515
TOT YTD	5165	3089	143	2908	68338	911009	1205	12294	3126	8226

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
OCTOBER 1987

674:	TAIWAN UNITS	TAIWAN $000	AUSTRALIA UNITS	AUSTRALIA $000	ALL OTHERS UNITS	ALL OTHERS $000
3025	0	0	0	0	1	29
3035	0	0	0	0	0	0
3045	0	0	0	0	0	0
3404	14	669	0	0	0	0
3406	4	305	0	0	0	0
3409	0	0	0	0	0	0
3411	0	0	0	0	0	0
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	0	0	0	0	0	0
3422	0	0	0	0	0	0
3423	94	151	0	0	0	0
3328	2	109	0	0	0	0
3329	1	4	0	0	0	0
3334	16	61	0	0	0	0
3336	6	30	0	0	0	0
3342	17	152	0	0	1	5
3464	9	243	0	0	0	0
3466	0	0	0	0	0	0
3467	94	654	0	0	0	0
3468	9	71	0	0	0	0
3469	20	125	0	0	3	207
3476	2	118	0	0	0	0
3477	0	0	0	0	0	0
3481	0	0	0	0	0	0
3483	0	0	0	0	0	0
3504	0	0	0	0	0	0
3506	1	43	0	0	0	0
3508	1	34	0	0	0	0
3510	0	0	0	0	0	0
3512	91	552	0	0	6	70
3513	0	0	0	0	0	0
3514	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3505	0	0	0	0	0	0
3519	0	0	0	0	0	0
3522	0	0	0	0	1	63
3527	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	15	88	1	52	0	0
3533	5	19	0	0	0	0
3539	0	0	0	0	0	0
3541	0	0	0	0	0	0
3543	92	633	0	0	2	22
3546	0	0	0	0	0	0
3554	7	94	0	0	0	0
3556	0	0	0	0	0	0
3558	2	14	0	0	0	0
3559	0	0	0	0	2	27
3562	0	0	5	51	0	0
3564	9	114	0	0	0	0
3567	0	0	0	0	0	0
3571	0	0	0	0	0	0
3576	0	0	0	0	0	0
3577	39	196	0	0	0	0
3578	0	0	0	0	0	0
3579	8	41	0	0	0	0
4000	136	213	1	9	1	11
5000	63258	4239	15	20	15606	456
CUT MO.	63952	8973	22	132	15623	889
CUT YTD	724992	106881	147	805	75011	9101
1010	0	0	0	0	0	0
3582	1	9	0	0	0	0
3583	1057	196	0	0	40	77
3584	0	0	0	0	0	0
3586	0	0	0	0	0	0
3587	1	20	0	0	0	0
3588	0	0	0	0	0	0
3589	10	37	0	0	1	28
3591	7	43	0	0	0	0
3592	2	6	2	53	1	32
3593	0	0	0	0	0	0
3594	0	0	0	0	0	0
3595	1	11	0	0	0	0
3596	1	51	0	0	0	0
3597	0	0	0	0	0	0
3598	0	0	0	0	0	0
3599	0	0	0	0	3	63
FRM MO.	1080	373	2	53	45	200
FRM YTD	7485	3132	45	348	486	9264
TOT MO.	65032	9345	24	185	15668	1089
TOT YTD	732477	110014	192	1153	75497	18365

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
OCTOBER 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	2	4	0	0	2	4
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	2	22	0	0	2	22
EAST GERMANY	5	65	0	0	5	65
FINLAND	1	63	0	0	1	63
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	1	32	1	32
HUNGARY	0	0	1	5	1	5
ICELAND	0	0	0	0	0	0
IRELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	2	5	1	51	3	56
POLAND	6	70	0	0	6	70
ROMANIA	1	181	0	0	1	181
USSR	1	5	0	0	1	5
OTHER EUROPE	0	0	0	0	0	0
TOTAL	20	415	3	87	23	502
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP.	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
MEXICO	15379	464	42	112	15421	576
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	15379	464	42	112	15421	576
OTHER SOUTH AMERICA						
ARGENTINA	0	0	0	0	0	0
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUELA	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
OCTOBER 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	6	8	0	0	6	8
INDIA	218	3	0	0	218	3
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	0	0	0	0
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	0	0	0	0
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	224	11	0	0	224	11
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
REP. S. AFRICA	0	0	0	0	0	0
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S.-W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING. 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.